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INVENTION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| on 6 : 1/32, A61K | A1 | (11) International Publication Number: WO 98/11435 (43) International Publication Date: 19 March 1998 (19.03.98) |
| er: PCT/GB97/02440 1 September 1997 (11.09.97) mber 1996 (11.09.96) GB ates except US): HOEFT B/GB]; Bouverie House, 154 (GB). only): RADEMACHER, Foxcombe, The Ridgeway, (GB). MCLEAN, Patricia ars Lane, Richmond, Surrey Mewbum Ellis, York House, HP (GB). | (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i> | |

FIELD OF THE INVENTION

the level or ratio of P- and A-type inositolphosphoglycans (IPGs) in a sample from a patient, and antagonists in the treatment of diabetes is disclosed. In particular, the present invention provides (NIDDM) with a mixture of P- and A-type mediators, and treatment of obese type II diabetes an A-type antagonist.